

2/6/2013

City of Gallatin

1.0 Introduction

The City of Gallatin is seeking bids for Diesel Tractor for the Leisure Services Department. Bids are to be submitted no later than Thursday, February 14th 2013 at 1:00 pm in a sealed envelope clearly identified **Diesel Tractor** enclosed and bid due date and time marked on outside of envelope. Any questions please contact J.R. Smith @ 615-451-5968.

2.0 Technical Requirements

Diesel Tractor: Minimum Requirements

Engine:

- Four- cylinder diesel with dynamic balancer.
- Water cooled.
- Parent bore block
- Turbocharged and intercooled.
- Fixed cooling fan.
- Mechanical injection fuel pump.
- Two valves per cylinder with cross flow heads.
- Horsepower Output: Minimum 62 PTO hp at rated engine speed.
- Engine Displacement: Minimum 195 cu.in.(3.2 liter).
- Rated Engine Speed: Maximum of 2300 RPM.
- Air cleaner: Dual element, dry type with serviceable outer element and replaceable inner safety element.
- Fuel Filter: Dual stage fuel filtration system with water/sediment separator followed by a paper filter element cartridge.
- Fuel Tank: Minimum 21.6 gallon capacity.
- Fuel Type: Standard diesel Fuel.
- Throttle Control: Hand operated base line throttle setting with a foot controlled override with spring return.
- Cold Start Aid: Electric grid heater.

Transmission:

- 12 X 12 Mechanical Shuttle.
- Gears: Helical cut transmission gears.
- Shifting: Right hand gear shift and left hand dedicated shuttle.
- Clutch: 12 x 12 mechanical shuttle, cerametallic, dry 11 in. diameter.

Power Take Off (PTO)

- The tractor shall have an independent 540 rpm system with mechanical engagement and a flip-up safety shield on the PTO.

Front Axle (2WD)

- Heavy duty adjustable spindle with 6 bolt hub. Minimum track setting of 53.7 in. and a maximum track of 80 in., single steering cylinder, 11 degree of oscillation and 55 degree of turning angle. The 2wd front axle shall have a minimum unrestricted load capacity of 4630 lbs.

Rear Axle:

- The tractor shall have a heavy duty axle with an 8 bolt hub and planetary final reduction gears enclosed within the rear axle housing. The axle shall be flanged type with 61.5 in. across the flanges and a minimum axle capacity of 8157 lbs.

Brakes:

- Main: Hydraulically actuated, two 10.2 in. wet disc brakes (one per side).
- Annular piston design, self-equalizing and self-adjusting.
- Must be able to operate independently or locked together for simultaneous operation.
- Parking; parking brake shall be an independent, multiple(5) wet disc, hand lever activated brake.

Hydraulic System

- Open center fixed displacement gear pump system. Minimum flow at rated engine speed is 12.8 gpm from the pump for rear remotes.

Drawbar:

- Extendable, swinging drawbar.

Electrical System:

- System voltage – 12 volts.
- Battery – 800 CCA.
- Alternator – 120 amps.
- Four pin 40 amp implement socket, 8 amp accessory socket, 7 pin trailer connector.
- Safety start switch and key fuel shutoff.

Lighting:

- Two 50W halogen front headlights.
- Two 50W halogen work lights.
- One 50W halogen rear mounted work light.
- Two tail lights, turn signals.
- Fender mounted front and rear flashing safety lights.
- All lights must meet ASAE x279.10.

Circuit Protection:

- Individual electrical circuit fuses and relays.

Operator Station:

- Fiberglass canopy.
- Straddle mount platform.
- Full coverage floor mat.
- Tilt and telescoping steering wheel.
- Access from both sides of tractor.
- Seat shall be mechanical suspension with vinyl cover, operator presence switch, lap belt and for/aft adjustment on an incline.

Instrumentation:

- Analog instrument cluster with digital ground speed and clock.
- Required gauges: tachometer, coolant temperature, fuel and hour display.
- Required warning indicators: turn signals on (left/right) ,water in fuel ,high beam on , work lamp on , alternator, low engine oil , fuel level low , parking brake on (with audible warning) and differential lock engaged.

Tires:

- Galaxy turf special or equivalent.

Safety:

- Unit to be equipped with a seat belt and meets SAE J1194 and OSHA 1928.52 specifications.
- Unit to be equipped with Slow Moving Vehicle Emblem.
- Neutral start safety switch.
- Operator presence switch.
- Unit must be equipped to meet latest federal safety standards.

3.0 Vendor Requirements

- Vendor must complete attached price sheet.
- Vendor must delivery equipment at no additional charge.
- Manufacturer to supply minimum 24 month Basic Warranty Full coverage with a 2000 hour maximum.

4.0 Evaluation of Proposals

The City of Gallatin will award the contract to lowest responsible and responsive bidder meeting specifications, quality, and performance standards pursuant to the Municipal Purchasing Act of 1983. Response will be based on the following factors;

- Completeness of response
- Cost
- Vendor track record, including references
- Quality of service and product

5.0 Contract Award

The City of Gallatin reserves the right to reject any or all proposals and to waive any informality found therein. The City of Gallatin will award a contract based on evaluations described above.

6.0 Question Submissions

Leisure Services – Golf Course

Attn: Rick Tayes

1080 Long Hollow Pike

Gallatin TN 37066

Telephone: 615-566-1307

7.0 Proposal Submission

ALL SUBMISSIONS MUST BE SEALED AND CLEARLY MARKED

“Diesel Tractor”

Proposals shall be directed to the attention of:

Finance Department

Attn: J.R.Smith

132 West Main Street

Gallatin, TN 37066

Telephone: 615-451-5899

DUE DATE: Thursday, February 14th 2013 at 1:00 pm

PRICE SHEET

Diesel Tractor:

\$ _____

Name of Company: _____

Address: _____

Telephone: _____

Signature: _____

Print Name: _____

Title: _____

Date: _____